APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

5844533

892482

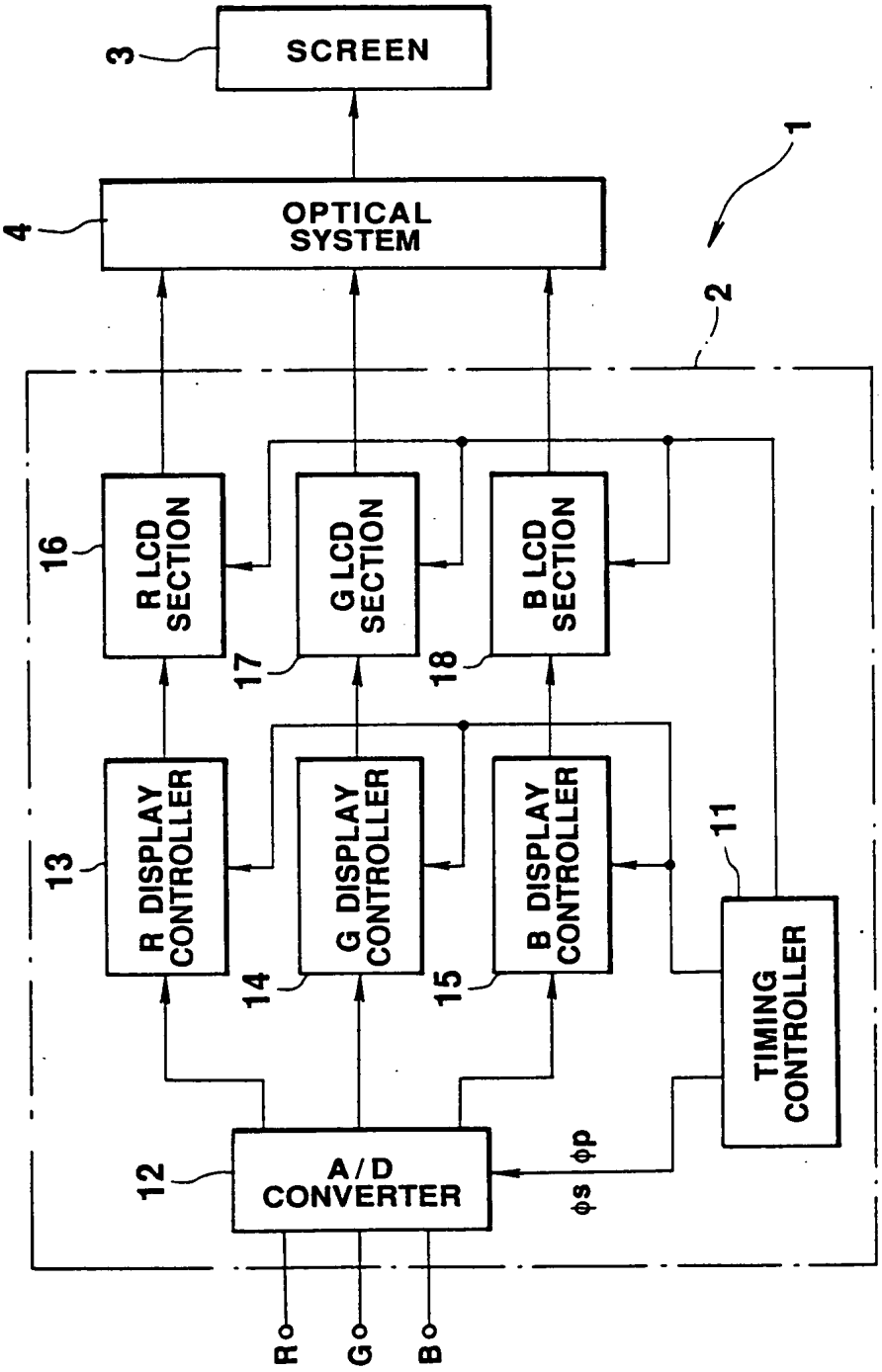

FIG. 1

43 Figs

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

892482
AR 531869

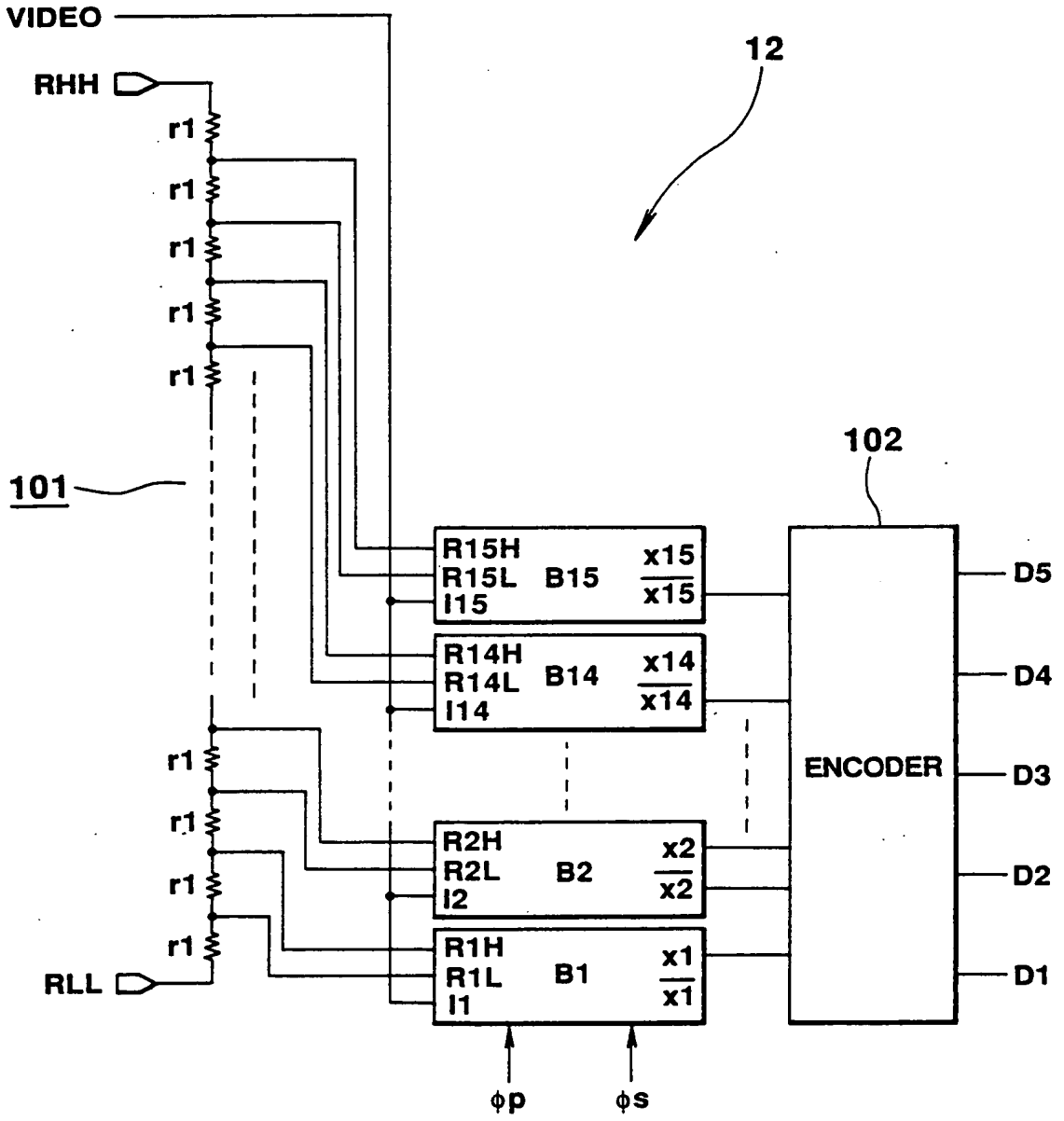

FIG. 2

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

892482
5.11869

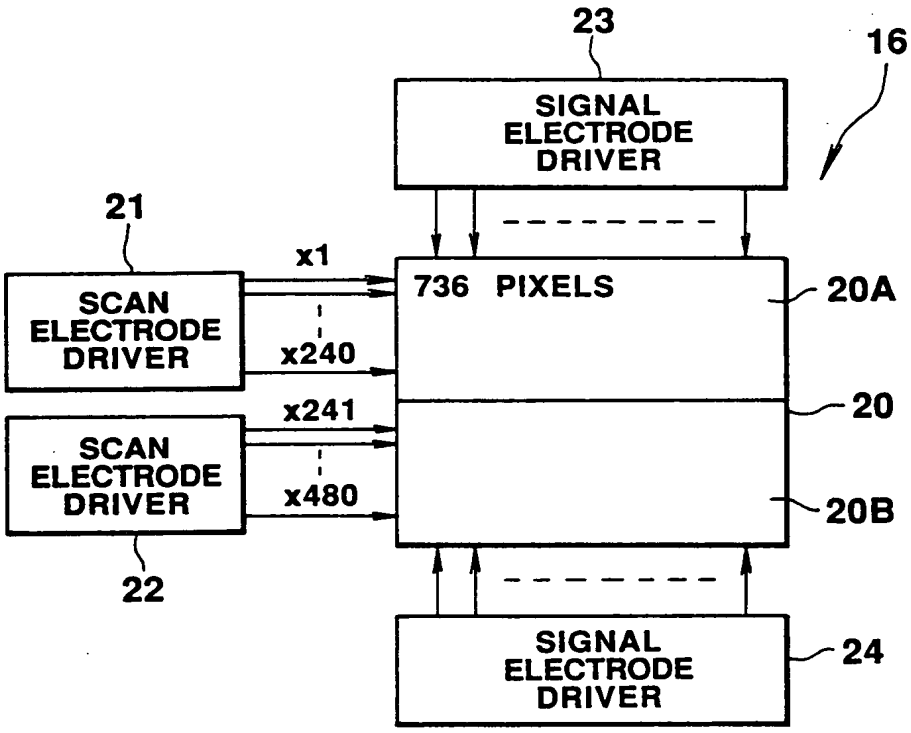

FIG. 3

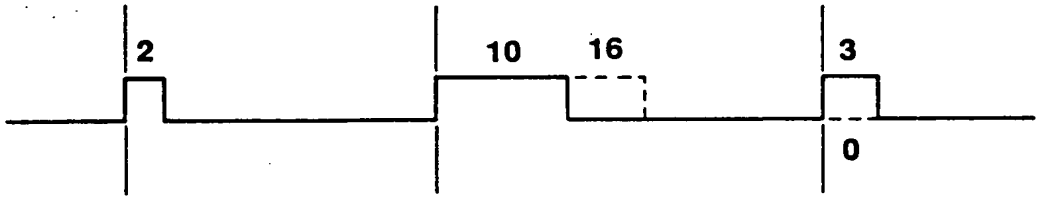

FIG. 4

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

892482
521869

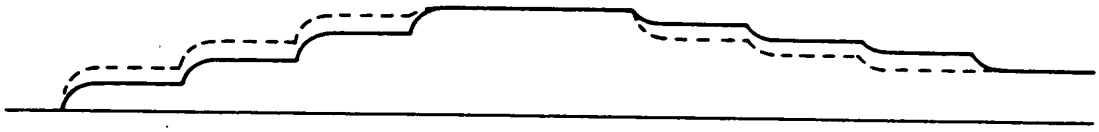

FIG. 5

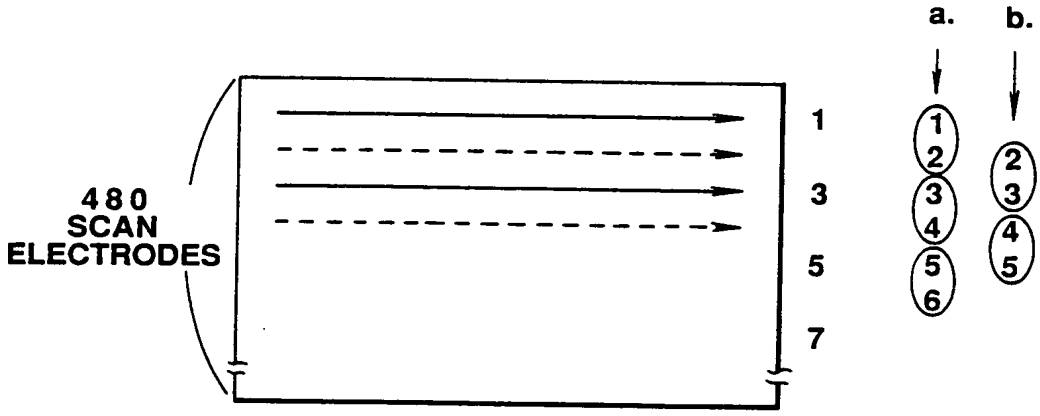

FIG. 7

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

~~5,21869~~
892482

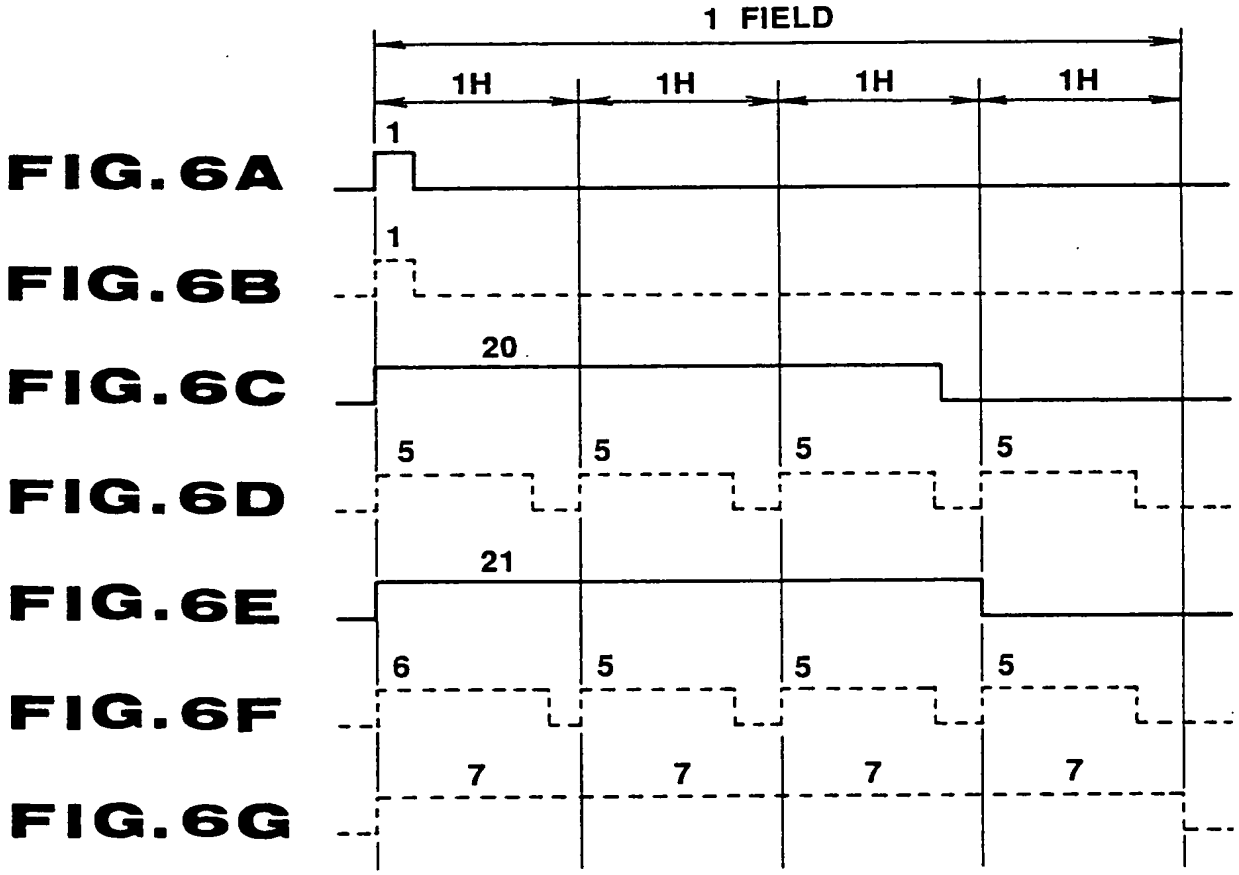

FIG.6A

FIG.6B

FIG.6C

FIG.6D

FIG.6E

FIG.6F

FIG.6G

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

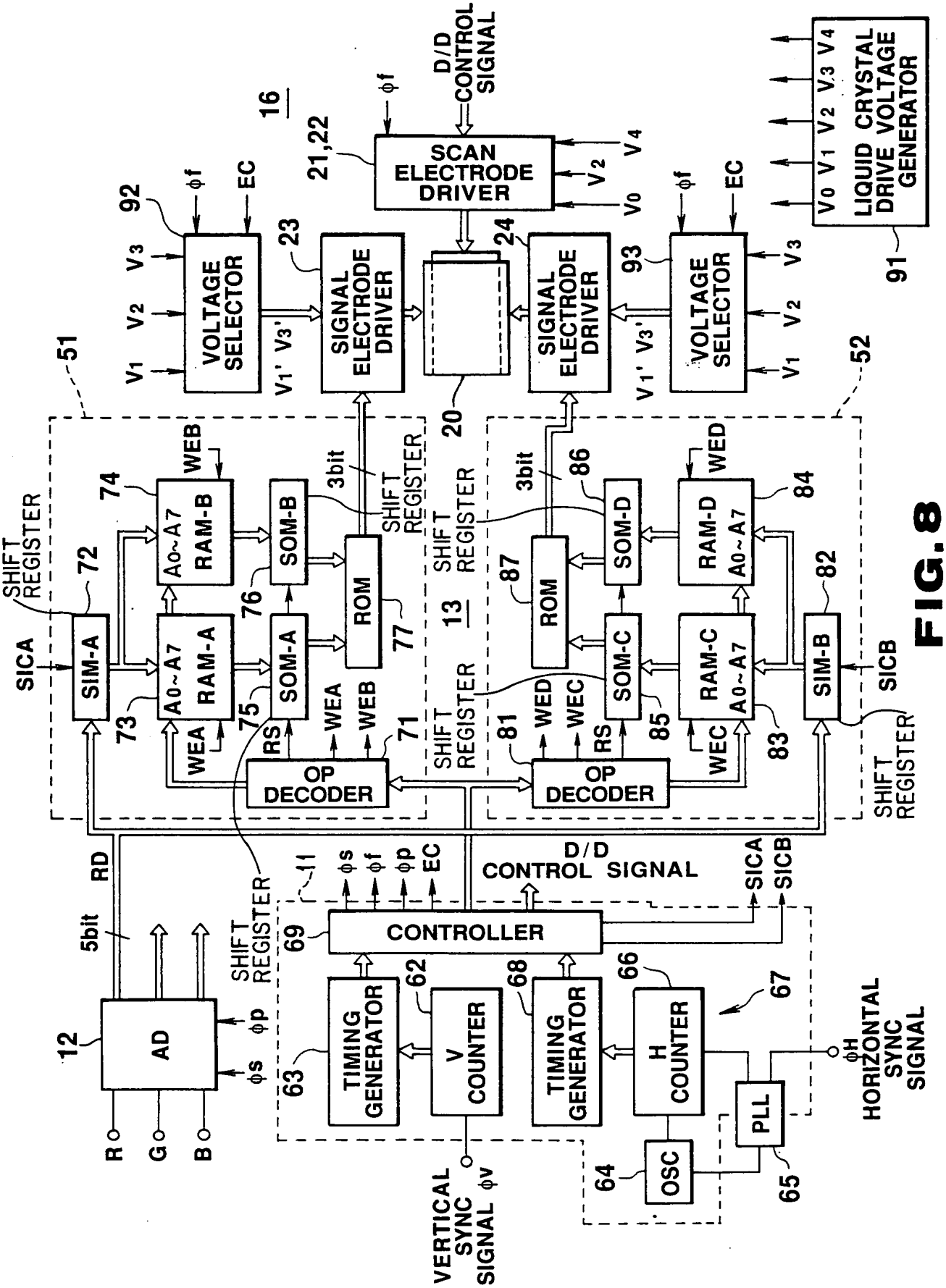

FIG. 8

ROM TABLE 100

PREVIOUS TIME \ CURRENT TIME	0	1	2	3	. . . . .	15	. . . . .	31
0	0000	2000	3010	4110		7777		7777
1	0000	1000	2010	3110		7777		7777
2	0000	0000	1010	2110		7777		7777
3	0000	0000	0010	1110		7777		7777
. . .								
15	0000	0000	0000	0000		4443		7777
. . .								
31	0003	0000	0000	0000		0000		7777

FIG. 9

APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

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892482

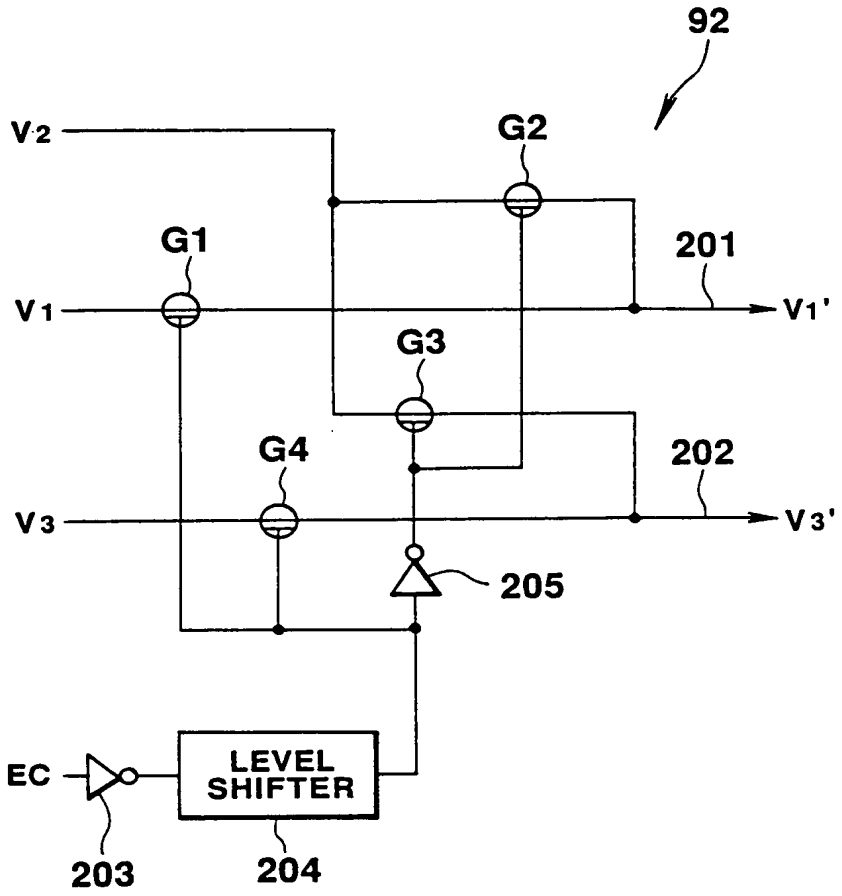


FIG. 10

φf	SCAN ELECTRODE DRIVE SIGNAL Xn			SIGNAL ELECTRODE DRIVE SIGNAL Yn		
	SELECTED STATE	NON-SELECTED STATE	ZERO BIAS EC"H"	SELECTED STATE	NON-SELECTED STATE	ZERO BIAS EC"H"
POSITIVE	V_0	V_2	V_2	V_3	V_1	V_2
INVERTED	V_4	V_2	V_2	V_1	V_3	V_2

FIG.11

APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

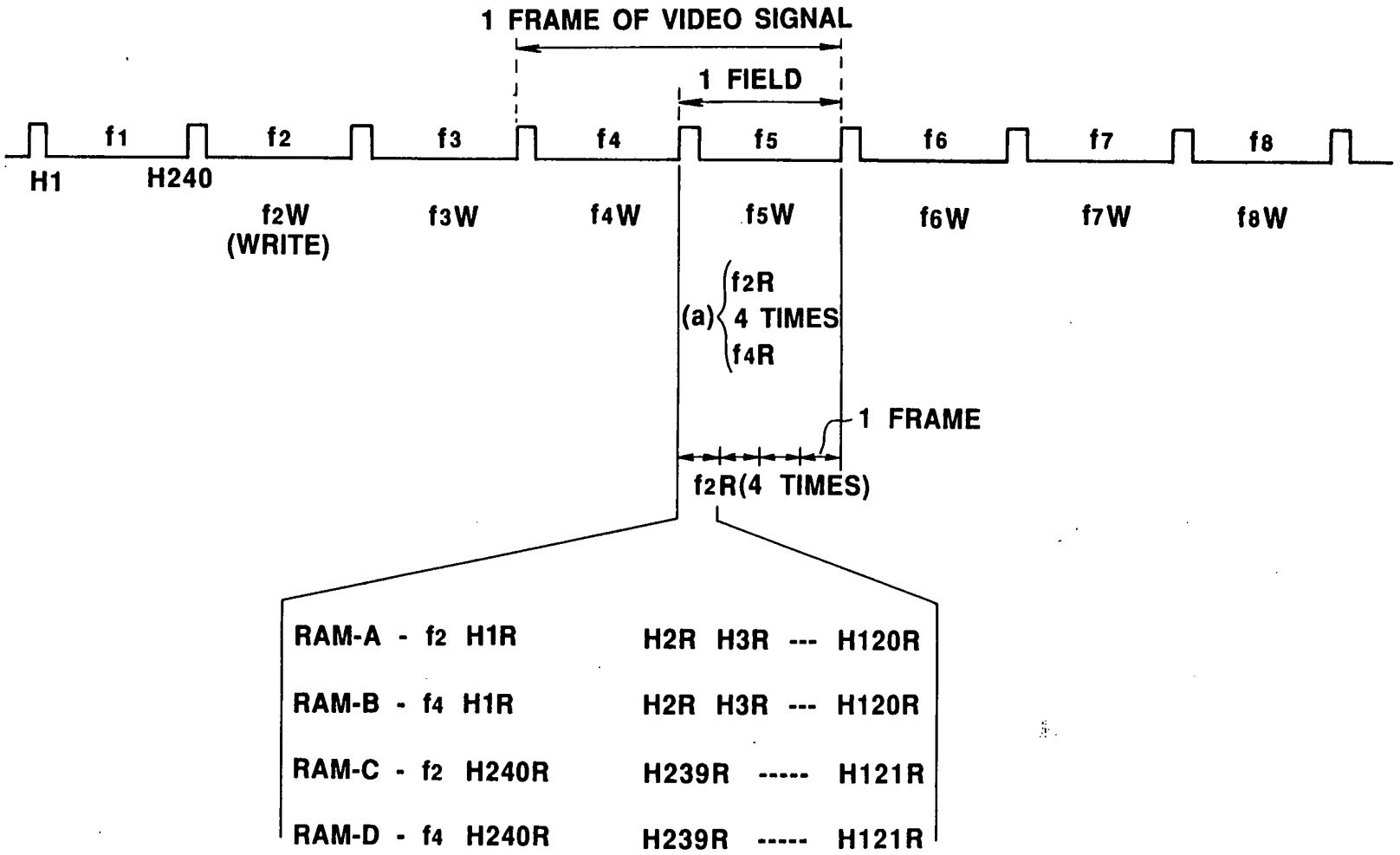
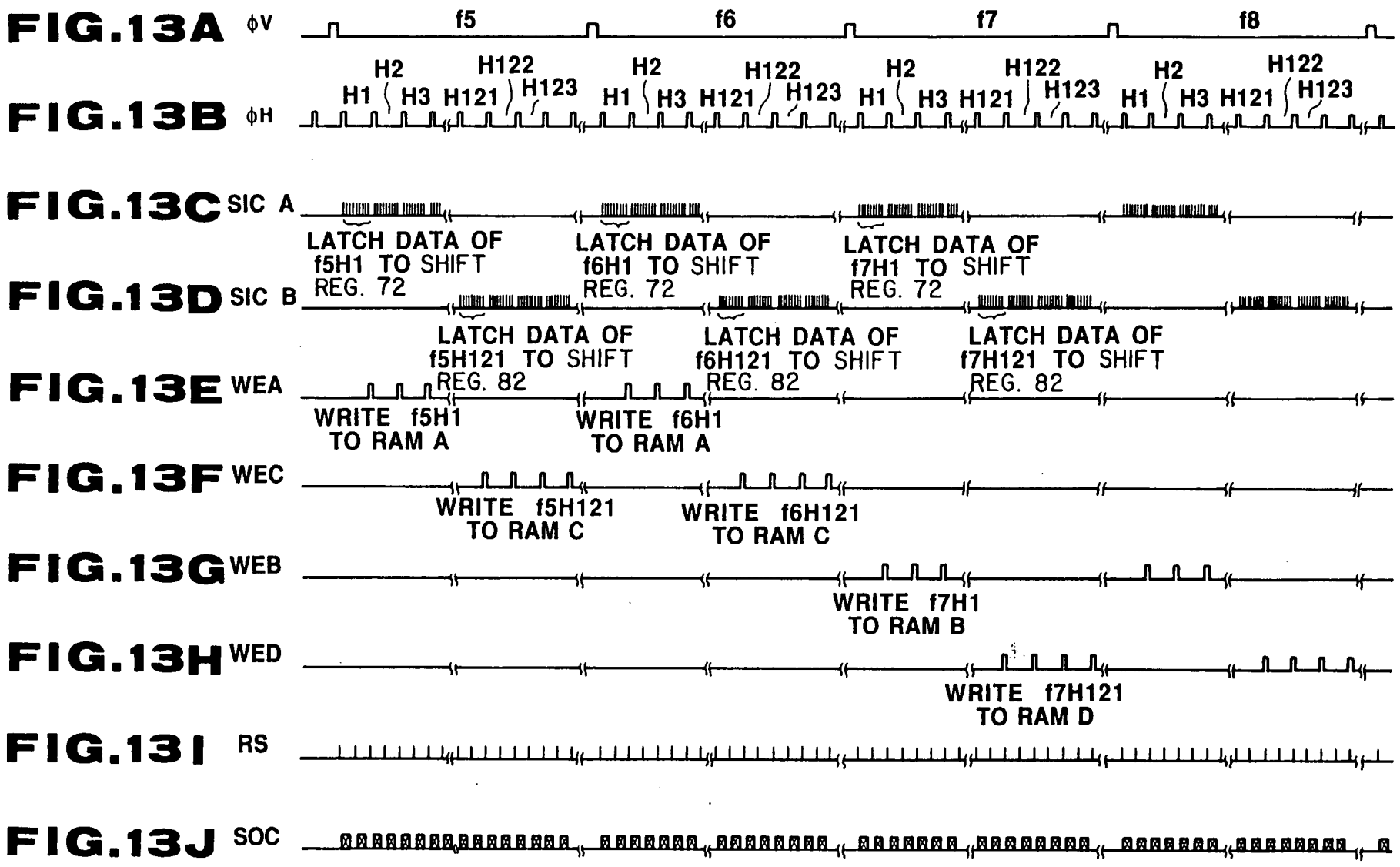


FIG.12

APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

BY
CLASS SUBCLASS



APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

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892482

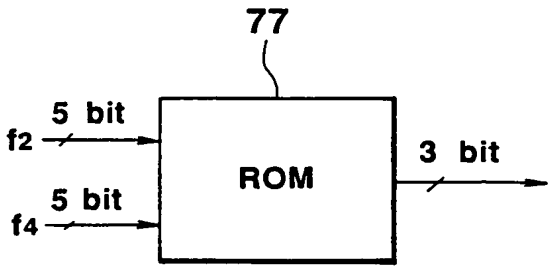


FIG.14

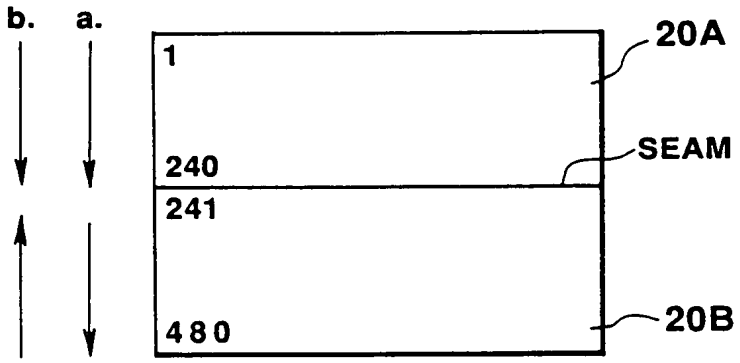


FIG.15

APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS | SUBCLASS

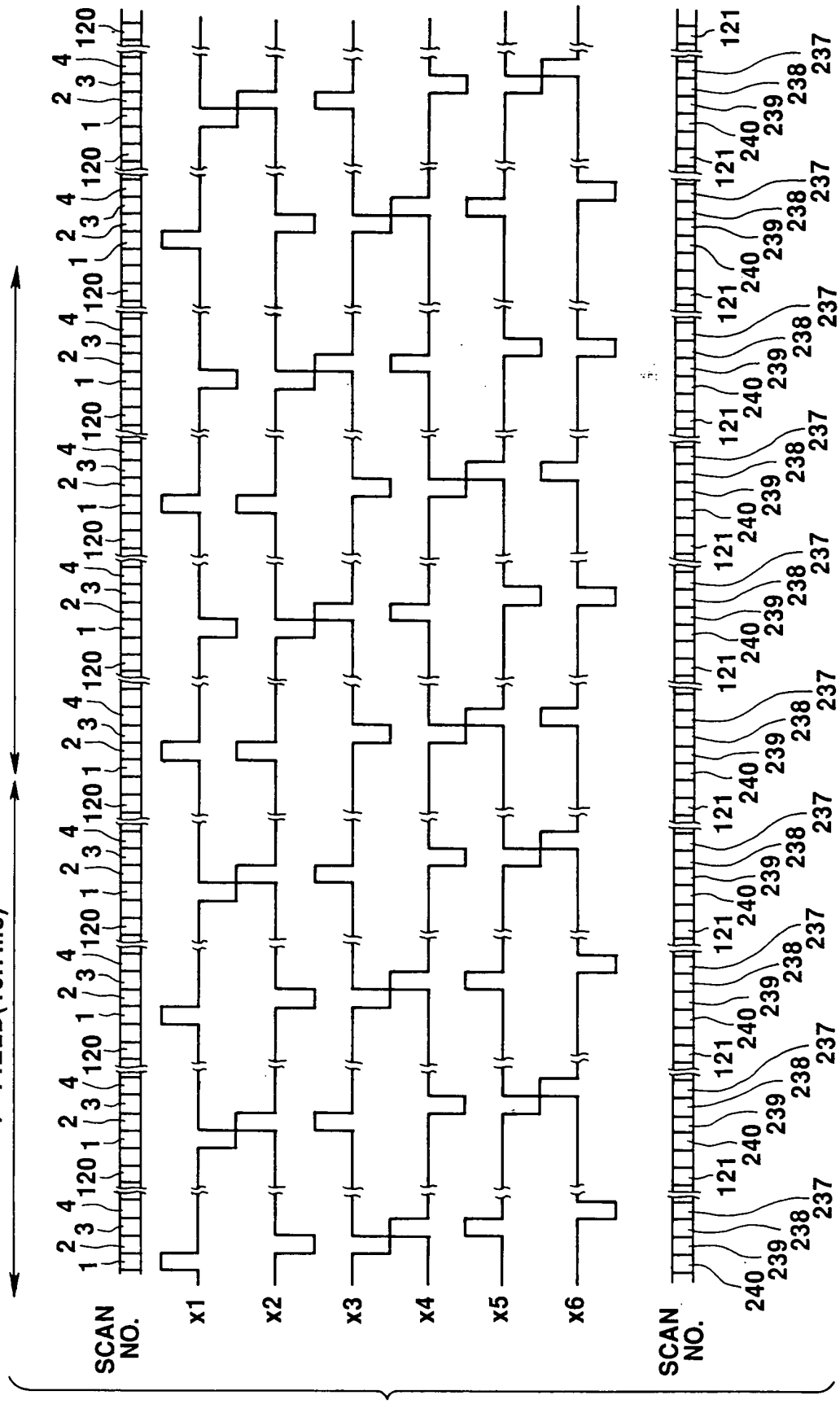


FIG.16

DRAFTSMAN
CLASS SUBCLASS

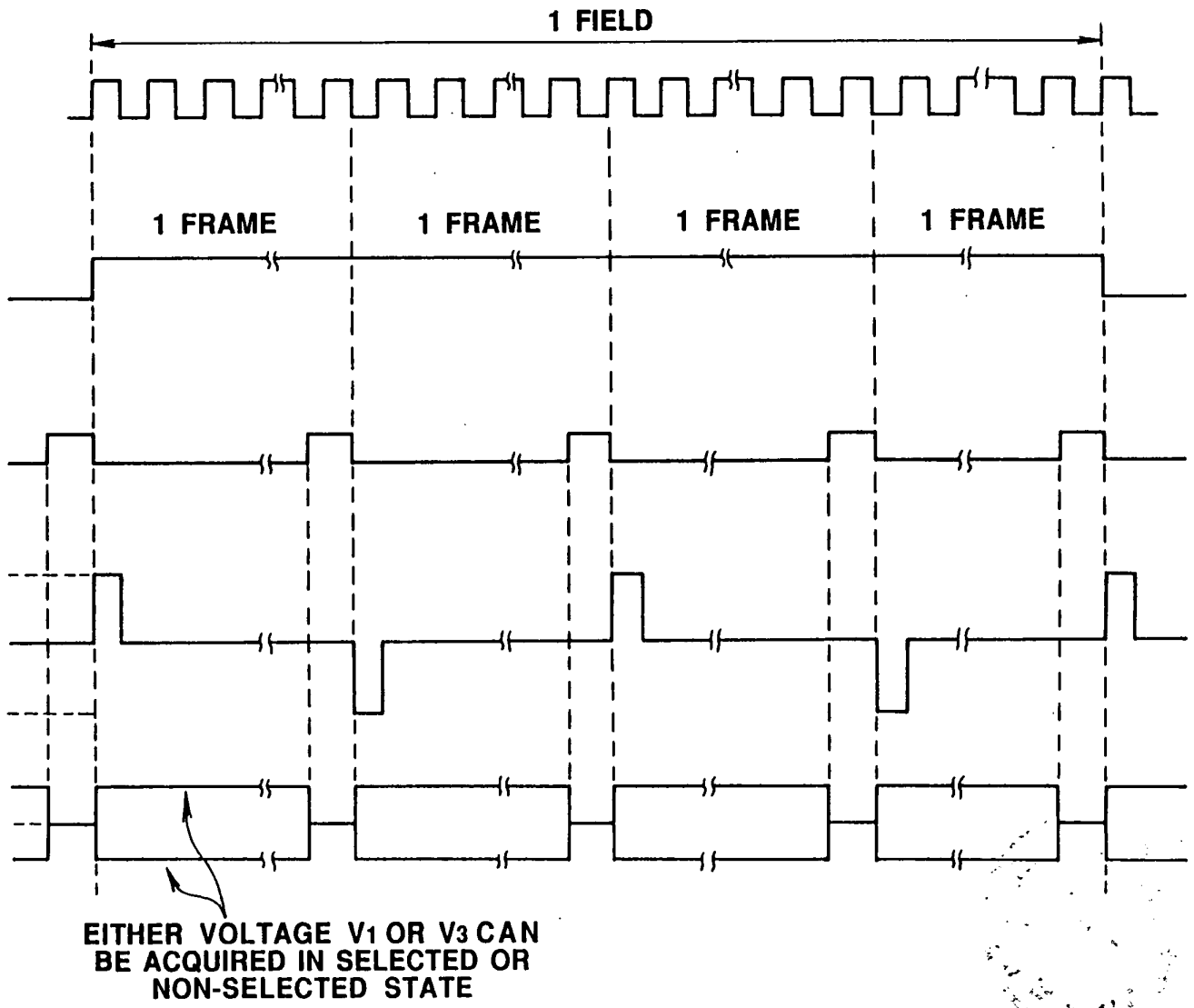
FIG.17A

FIG.17B

FIG.17C

FIG.17D

FIG.17E



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893482

O.G. FIG.
CLASS | SUBCLASS
DRAFTSMAN

DA 5.31869
892482

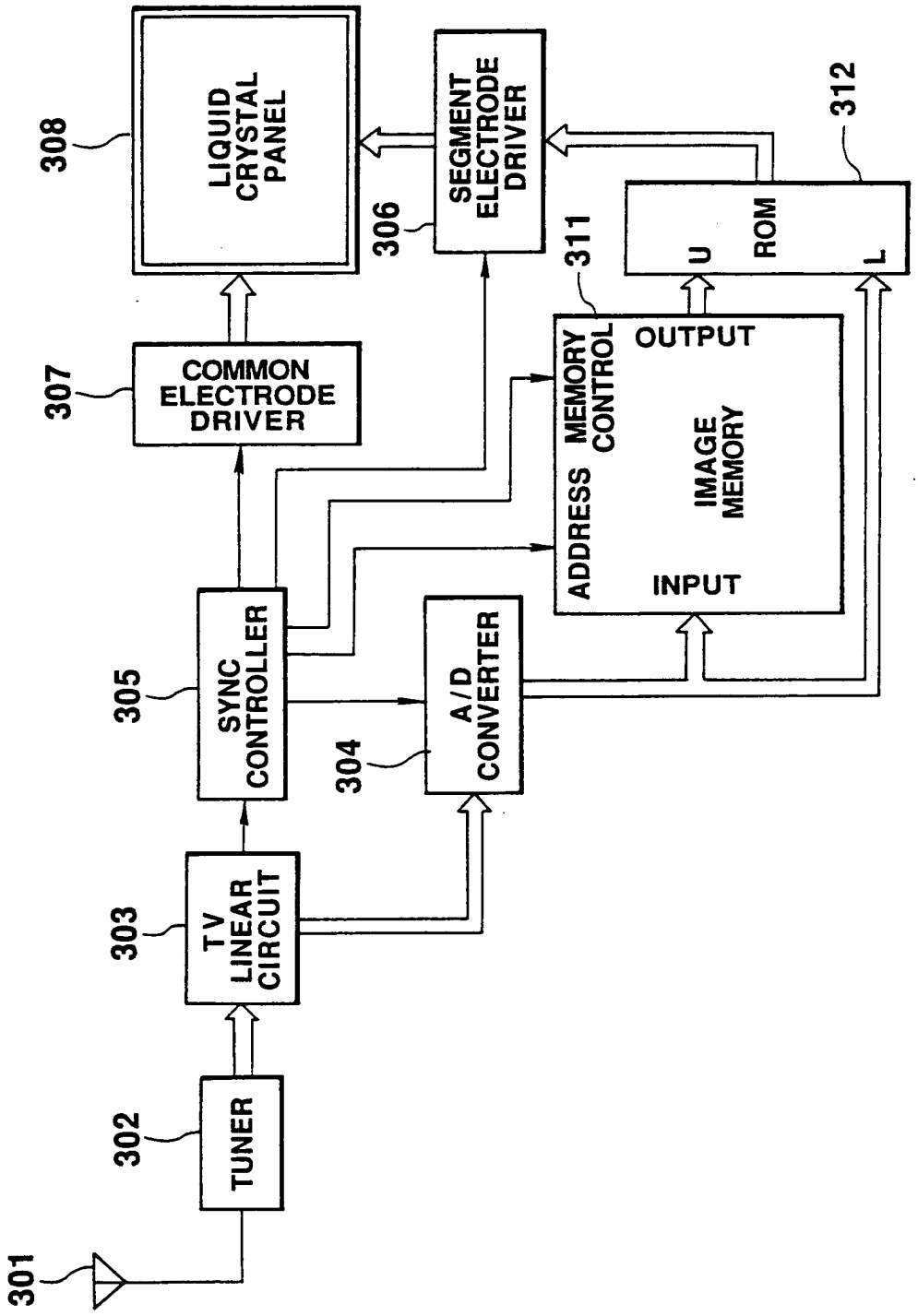

FIG.18

APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

~~5,11869~~
892482

LOWER ADDRESSES

UPPER ADDRESSES			A2	0	0	0	0	1	1	1	1
			A1	0	0	1	1	0	0	1	1
			A0	0	1	0	1	0	1	0	1
A5	A4	A3									
0	0	0		0	2	4	5	6	7	7	7
0	0	1		0	1	3	4	6	7	7	7
0	1	0		0	0	2	4	5	7	7	7
0	1	1		0	0	1	3	5	7	7	7
1	0	0		0	0	1	2	4	6	7	7
1	0	1		0	0	0	2	3	5	7	7
1	1	0		0	0	0	1	2	4	6	7
1	1	1		0	0	0	0	1	3	5	7

FIG.19

FRAME	0	1	2	3	4	5	6	7	8	9
IMAGE DATA FROM A/D	0 →	4 →	7 →	5 →	1 →	3 →	4 →	0 →	7 →	6
IMAGE DATA FROM ROM	* →	6 →	7 →	3 →	0 →	4 →	5 →	0 →	7 →	5

FIG.20

O.G. FIG.
CLASS | SUBCLASS
DRAFTSMAN

~~5,21869~~
892482

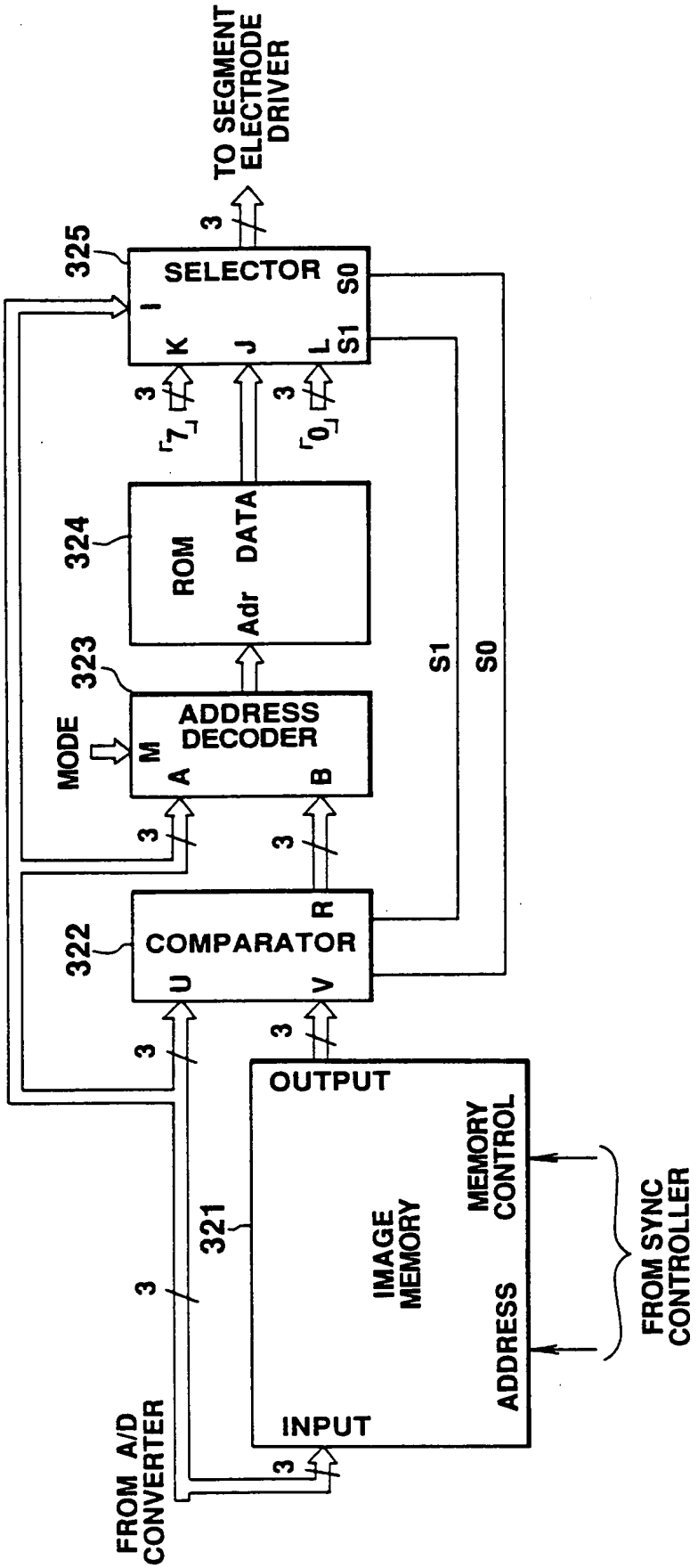

FIG.21

D.I.G. FIG.
CLASS | SUBCLASS

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892482

U-V	S1	S0	R
4 OR GREATER	1	0	*
1~3	0	1	U-V
0	0	0	*
-3~-1	0	1	U-V
-4 OR LOWER	1	1	*

0:LOW LEVEL
1:HIGH LEVEL
*:UNDETERMINED

FIG.22

S1	S0	P OUTPUT
0	0	I
0	1	J
1	0	K
1	1	L

FIG.23

O.G. FIG.
CLASS | SUBCLASS

AR 5231869
892482

CURRENT GRAY SCALE (A)

GRAY SCALE DIFFERENCE (B)	0	1	2	3	4	5	6
	+3			5	6	7	7
	+2		3	5	6	7	7
	+1	1	2	5	6	6	7
	- 1	0	1	2	3	4	5
	- 2	0	1	1	2	3	
	- 3	0	0	1	1		

FIG. 24